GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3319
ANSWERED ON:12.05.2006
LOW OPERATIONAL EFFICIENCY
Adhalrao Patil Shri Shivaji

Will the Minister of POWER be pleased to state:

(a) whether operational efficiency power generation is very low in some States;

(b) if so, the details thereof, State-wise;

(c) the power generation capacity and actually generated in each State annually;

(d) the reasons for low operational efficiency; and

(e) the steps being taken by the Government in this regard?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (c) : The State-wise details of installed capacity, actual generation as well as operational efficiency (plant load factor) of thermal power plants in the country during the year 2005-06 are given in Annexure.

(d) :The identified reasons for low operational efficiency of thermal power plants are as under: - Some of the generating stations are uneconomic for example Dhuvaran,Trombay TPS, Chandrapur TPS. -Certain coal based stations being of very old design have had frequent outages and also require longer maintenance period. - The shortfall in thermal generation due to heavy monsoon, specially in Western and Southern Region during the year 2005-06, giving rise to increase in hydro generation and dip in thermal generation.

(e) : The following measures are being taken to increase the plant load factor (PLF) of thermal power stations in the country: Government of India provides interest subsidy through Power Finance Corporation and Rural Electrification Corporation to States/Utilites under Accelerated Power Generation and Supply Programme (AG&SP) for undertaking Renovation, Modernization and Life Extension schemes.Poorly performing power stations have been identified and are linked with better performing stations under the scheme `Partnership for Excellence` for adopting better operational practices. Reducing period of planned maintenance and adopting better operation and maintenance practice. Efforts for supply of adequate quantity of coal through import.Early stabilization of new generating units.Creation of robust national grid to facilitate inter-regional transmission of power for optimal utilization of electrical energy in the country and thereby improving the PLF of thermal power stations. vii. Vigorous pursuance of quarterly performance of low performing power utilities in the country